in which:

R_1 is CN or methyl or a halogen atom;

R_2 is $S(O)_nR_3$ or 4,5-dicyanoimidazol-2-yl or haloalkyl;

R_3 is alkyl or haloalkyl;

R_4 represents a hydrogen or halogen atom; or a radical NR_5R_6, $S(O)_mR_7$, $C(O)R_7$, $C(O)O-R_7$, alkyl, haloalkyl or OR_8 or a radical $-N=C(R_9)\ (R_{10})$;

R_5 and R_6 independently represent a hydrogen atom or an alkyl, haloalkyl, C(O)alkyl, alkoxycarbonyl or $S(O)_r-CF_3$ radical; R_5 and R_6 may together form a divalent alkylene radical which may be interrupted by one or two divalent hetero atoms [such as oxygen or sulphur];

R_7 represents an alkyl or haloalkyl radical;

R_8 represents an alkyl or haloalkyl radical or a hydrogen atom;

R_9 represents an alkyl radical or a hydrogen atom;

R_{10} represents a phenyl or heteroaryl group optionally substituted with one or more halogen atoms or groups such as OH, -O-alkyl, S-alkyl, cyano or alkyl;

R_{11} and R_{12} represent, independently of each other, a hydrogen or halogen atom, or optionally CN or NO_2;

R_{13} represents a halogen atom or a haloalkyl, haloalkoxy, $S(O)_qCF_3$ or SF_5 group;

m, n, q and r represent, independently of each other, an integer equal to 0, 1 or 2;

X represents a trivalent nitrogen atom or a radical C-R_{12}, the other three valency positions of the carbon atom forming part of the aromatic ring;

with the proviso that when R_1 is methyl, then R_3 is haloalkyl, R_4 is NH_2, R_{11} is Cl, R_{13} is CF_3 and X is N; or R_2 is 4,5-dicyanoimidazol-2-yl, R_4 is Cl, R_{11} is Cl, R_{13} is CF_3 and X is =C-Cl;

and[, on the other hand,] at least one ovicidal compound (B), of insect growth regulator (IGR) type, in a fluid vehicle which is acceptable to the animal and suitable for local application to the skin.--

Claim 4, line 3, please delete ", preferably CF_3".

Please amend Claim 5 as follows:

--~~5~~. (Amended) Composition according to claim ~~1~~, 5 characterized in that the compound of formula (I) is such that R_2 is $S(O)_nR_3$, [preferably with n = 1,] and R_3 [preferably being] is CF_3 or alkyl[, in particular methyl or ethyl, or n = 0, R_3 preferably being CF_3].--

Please amend Claim 10 as follows:

~~10~~. (Amended) Composition according to claim ~~1~~, 5 characterized in that the compound (B) is a compound which mimics juvenile hormones[, in particular:

azadirachtin

diofenolan

fenoxycarb

hydroprene

kinoprene

methoprene

pyriproxyfen

tetrahydroazadirachtin

and 4-chloro-2-(2-chloro-2-methyl-propyl)-5-(6-iodo-3-pyridylmethoxy)pyridizine-3(2H)-one] or a chitin-synthesis inhibitor[, in particular:

chlorfluazuron

cyromazine

diflubenzuron

fluazuron

flucycloxuron

flufenoxuron

hexaflumuron

lufenuron

tebufenozide

teflubenzuron

triflumuron

1-(2,6-difluorobenzoyl)-3-(2-fluoro-4-(trifluoromethyl)phenylurea,1-(2,6-difluoro-benzoyl)-3-(2-fluoro-4-(1,1,2,2-tetrafluoroethoxy)-phenylurea and 1-(2,6-difluorobenzoyl)-3-(2-fluoro-4-trifluoro-methyl)phenylurea].

Please amend Claim 16 as follows:

~~45--16.~~ (Amended) Composition according to claim ~~1~~, 5 characterized in that the fluid vehicle and the concentration of the compounds (A) and (B) are adapted to local application on a zone with a surface area of less than 10 cm^2[, especially between

5 and 10 cm^2, in particular at two points and preferably localized between the animal's shoulders].--

Please amend Claims 18-25 as follows:

--~~18~~. (Amended) Composition according to claim ~~17~~, characterized in that it contains a dose of from 1 to 20 mg/kg[, in particular from 2 to 10 mg/kg,] of compound (A) and from 1 to 30 mg/kg[, in particular 2 to 20 mg/kg,] of compound (B).--

--~~19~~. (Amended) Composition according to claim ~~14~~, characterized in that it also comprises a crystallization inhibitor (b), which is present [in particular] in a proportion of from 1 to 20% (W/V)[, preferably from 5 to 15%].--

--~~20~~. (Amended) Composition according to claim ~~19~~, characterized in that the crystallization inhibitor (b) is [chosen from] selected from the group consisting of:

- polyvinylpyrrolidone, polyvinyl alcohols, copolymers of vinyl acetate and vinylpyrrolidone, polyethylene glycols, benzyl alcohol, mannitol, glycerol, sorbitol, polyoxyethylenated sorbitan esters; lecithin, sodium carboxymethylcellulose, methacrylates and other acrylic derivatives [such as methacrylates and the like],

- anionic surfactants [such as alkaline stearates, in particular sodium, potassium or ammonium stearate; calcium stearate; triethanolamine stearate; sodium abietate; alkyl sulphates, in particular sodium lauryl sulphate and sodium cetyl sulphate; sodium dodecylbenzenesulphonate, sodium dioctylsulphosuccinate; fatty acids, in particular those derived from coconut oil],

- cationic surfactants [such as water-soluble quaternary ammonium salts of formula $N^+R'R''R'''R'''',Y^-$ in which the radicals R are optionally hydroxylated hydrocarbon radicals and Y^- is an anion of a strong acid such as the halide, sulphate and sulphonate anions; cetyltrimethylammonium bromide is among the cationic surfactants which can be used],

- amine salts of formula $N^+R'R''R'''$ in which the radicals R are optionally hydroxylated hydrocarbon radicals;[octadecylamine hydrochloride is among the cationic surfactants which can be used,]

- nonionic surfactants [such as optionally polyoxyethylenated sorbitan esters, in particular polysorbate 80, polyoxyethylenated alkyl ethers; polyethylene glycol stearate, polyoxyethylenated derivatives of castor oil, polyglycerol esters, polyoxyethylenated fatty alcohols, polyoxyethylenated fatty acids, copolymers of ethylene oxide and propylene oxide,];

- amphoteric surfactants [such as substituted lauryl compounds of betaine,]; and

[or preferably] a mixture of at least two of these crystallization inhibitors.--

--21. (Amended) Composition according to claim 19, characterized in that it comprises a crystallization inhibitor couple formed by the combination of a film-forming agent of polymeric type and a surfactant[, in particular in similar or identical amounts within the limit of the total amounts of crystallization inhibitor].--

37 --~~22~~. (Amended) Composition according to claim ~~21~~, ~~35~~ 36 characterized in that the film-forming agent is [chosen from] selected from the group consisting of:

- the various grades of polyvinylpyrrolidone,
- polyvinyl alcohols, and
- copolymers of vinyl acetate and vinyl pyrrolidone,

and in that the surfactant is selected from the group consisting of [chosen from non-ionic surfactants, preferably] polyoxyethylenated sorbitan esters, [in particular the] various grades of polysorbate, and other non-ionic surfactants.--

38 ~~40~~ --~~23~~. (Amended) Composition according to claim 5 ~~1~~ 31 ~~14~~, characterized in that it comprises an organic solvent (c) having a dielectric constant of between 10 and 35[, preferably 20 and 30, whose content in the overall composition preferably represents the difference to 100% of the composition].--

39 ~~41~~ --~~24~~. (Amended) Composition according to claim ~~40~~ 38 ~~23~~, characterized in that the organic solvent (c) is [chosen from] selected from the group consisting of acetone, acetonitrile, benzyl alcohol, butyldiglycol, dimethylacetamide, dimethylformamide, dipropylene glycol n-butyl ether, ethanol, isopropanol, methanol, ethylene glycol monoethyl ether, ethylene glycol monomethyl ether, monomethylacetamide, dipropylene glycol monomethyl ether, liquid polyoxyethylene glycols, propylene glycol, 2-pyrrolidone, [in particular N-methylpyrrolidone,] diethylene glycol monoethyl ether, ethylene glycol, diethyl phthalate, [or] and a mixture of at least two of these solvents.--

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--~~25.~~ (Amended) Composition according to claim ~~23~~, characterized in that it also comprises an organic co-solvent (d) having a boiling point below 100°C, [preferably below 80°C,] and having a dielectric constant of between 10 and 40, [preferably between 20 and 30,] which is miscible with water and/or with the solvent (c), this co-solvent being present [in particular] in a co-solvent (d)/solvent (c) weight/weight (W/W) ratio of between 1/15 and 1/2.--

[Please amend Claim 27 as follows:

--~~27.~~ (Amended) [Composition according to claim ~~1~~, characterized in that it is made in the form of a] A kit comprising [combining], separately, in the same packaging, at least one container containing a compound (A) according to Claim 1 and at least one container [for] containing a compound (B) according to Claim 1, and a notice specifying that the containers are to be used alternately with an interval[, in particular of one month].--

[Please amend Claim 32 as follows:

--~~32.~~ (Amended) Composition according to claim ~~2~~, characterized in that the compound (B) is a compound which mimics juvenile hormones[, in particular:

azadirachtin

diofenolan

fenoxycarb

hydroprene

kinoprene

methoprene

pyriproxyfen

tetrahydroazadirachtin

and 4-chloro-2-(2-chloro-2-methyl-propyl)-5-(6-iodo-3-pyridylmethoxy)pyridizine-3(2H)-one] or a chitin-synthesis inhibitor[, in particular:

chlorfluazuron

cyromazine

diflubenzuron

fluazuron

flucycloxuron

flufenoxuron

hexaflumuron

lufenuron

tebufenozide

teflubenzuron

triflumuron

1-(2,6-difluorobenzoyl)-3-(2-fluoro-4-(trifluoromethyl)phenylurea,1-(2,6-difluoro-benzoyl)-3-(2-fluoro-4-(1,1,2,2-tetrafluoroethoxy)-phenylurea and 1-(2,6-difluorobenzoyl)-3-(2-fluoro-4-trifluoro-methyl)phenylurea].--

Please amend Claims 45-48 as follows:

--45. (Amended) Process according to claim 38, wherein [it contains a dose of] the dose of the composition is from 1 to 20 mg/kg[, in particular from 2 to 20 mg/kg,] of compound (A) and from 1 to 30 mg/kg[, in particular 2 to 20 mg/kg,] of compound (B).--

--46. (Twice amended) Process for controlling fleas on small mammals[, and in particular cats and dogs,] over a long period, characterized in that the animal is treated by local application to the skin of parasiticidally effective doses and proportions of a composition according to claim 2.--

--47. (Twice amended) Process for controlling fleas on small mammals[, and in particular cats and dogs,] over a long period, characterized in that the animal is treated by local application to the skin of parasiticidally effective doses and proportions of a composition according to claim 8.--

Claim 48, line 2: Please delete ", in particular ticks".

Please add the following new claims 49-59:

--~~49~~. (New) Composition according to claim ~~1~~ wherein the ~~small~~ mammals protected by the composition comprise cats and dogs.--

--~~50~~. (New) Composition according to claim ~~10~~ wherein the compound which mimics juvenile hormones is selected from the group consisting of azadirachtin, diofenolan, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, tetrahydroazadirachtin, and 4-chloro-2-(2-chloro-2-methyl-propyl)-5-(6-iodo-3-pyridylmethoxy)-pyridizine-3(2H)-one.--

--~~51~~. (New) Composition according to claim ~~10~~ wherein the chitin-synthesis inhibitor is selected from the group consisting of chlorfluazuron, cyromazine, diflubenzuron, fluazuron, flucycloxuron, flufenoxuron, hexaflumuron, lufenuron, tebufenozide, teflubenzuron, triflumuron, 1-(2,6-difluorobenzoyl)-3-(2-fluoro-4-(trifluoromethyl)phenylurea,1-(2,6-difluoro-benzoyl)-3-(2-fluoro-

4-(1,1,2,2-tetrafluoroethoxy)-phenylurea and 1-(2,6-difluoro-benzoyl)-3-(2-fluoro-4-trifluoro-methyl)phenylurea.--

--52. (New) Composition according to claim 16 wherein the fluid vehicle is adapted for local application at two points between the animal's shoulders.--

--53. (New) Composition according to claim 20 wherein the anionic surfactant is selected from the group consisting of sodium, potassium or ammonium stearate or other alkaline stearates; calcium stearate; triethanolamine stearate; sodium abietate; sodium lauryl sulphate, sodium cetyl sulphate or other alkyl sulphates; sodium dodecylbenzenesulphonate, sodium dioctylsulphosuccinate; and fatty acids derived from coconut oil or other fatty acids.--

--54. (New) Composition according to claim 20 wherein the cationic surfactant is selected from the group consisting of water-soluble quaternary ammonium salts of formula $N^+R'R''R'''R'''',Y^-$ in which the radicals R are optionally hydroxylated hydrocarbon radicals and Y^- is an anion of a strong acid; cetyltrimethyl-ammonium bromide; amine salts of formula $N^+R'R''R'''$ in which the radicals R are optionally hydroxylated hydrocarbon radicals; and octadecylamine hydrochloride.--

--55. (New) Composition according to claim 20 wherein the nonionic surfactant is selected from the group consisting of polysorbate 80, polyoxyethylenated alkyl ethers and other optionally polyoxyethylenated sorbitan esters; polyethylene glycol stearate, polyoxyethylenated derivatives of castor oil, polyglycerol esters, polyoxyethylenated fatty alcohols,

polyoxyethylenated fatty acids, and copolymers of ethylene oxide and propylene oxide.--

--56. (New) Composition according to claim 31 wherein the amphoteric surfactant comprises substituted lauryl compounds of betaine.--

--57. (New) Composition according to claim 10 wherein the compound which mimics juvenile hormones is selected from the group consisting of azadirachtin, diofenolan, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, tetrahydroazadirachtin, and 4-chloro-2-(2-chloro-2-methyl-propyl)-5-(6-iodo-3-pyridylmethoxy)-pyridizine-3(2H)-one.--

--58. (New) Composition according to claim 10 wherein the chitin-synthesis inhibitor is selected from the group consisting of chlorfluazuron, cyromazine, diflubenzuron, fluazuron, flucycloxuron, flufenoxuron, hexaflumuron, lufenuron, tebufenozide, teflubenzuron, triflumuron, 1-(2,6-difluorobenzoyl)-3-(2-fluoro-4-(trifluoromethyl)phenylurea,1-(2,6-difluoro-benzoyl)-3-(2-fluoro-4-(1,1,2,2-tetrafluoroethoxy)-phenylurea and 1-(2,6-difluoro-benzoyl)-3-(2-fluoro-4-trifluoro-methyl)phenylurea.--

--59. (New) Process according to claim 48 wherein the ectoparasites controlled by the composition are ticks.--

REMARKS

By the present amendment, amendments have been made to the language of the claims in order to overcome the Examiner's objections under 35 U.S.C. § 112 and to place the claims in more